

REMARKS

Claims 1-44 and 72-81 are pending in the application.

Claims 1-44 and 72-81 stand rejected.

Rejection of Claims under 35 U.S.C. §103

Claims 1-8, 10, 18-20, 22-29, 31, 33, 39-41, 43, 44, 72, 74, 76, and 78-80 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Sun et al (U.S. Pat. No. 6,501,740) (hereinafter referred to as “Sun”) in view of Armstrong et al. (U.S. Pat. No. 6,807,423) (hereinafter referred to as “Armstrong”). Applicants respectfully traverse this rejection.

With respect to claim 1, the cited art fails to anticipate, teach, or suggest “presenting an option to specify a quorum associated with a meet-me conference call, in response to user input to an application program co-resident with a terminal; and establishing a media transport channel after detecting that the quorum is established, in response to a user selecting the option, wherein the establishing the media transport channel joins the user to the meet-me conference call.”

As noted by the Examiner, “Sun does not specifically teach of presenting an option to specify a quorum with the conference call and establishing a media transport channel after detecting that the quorum is established.” Office Action, p. 3. Armstrong is relied upon to teach these features of the claims.

The cited portions of Armstrong state:

“The conference call service 20 may also form the watched parties 13 into an aggregate as described in more detail below. Then, once notifications of availability are given for a certain number of group members (e.g. a quorum, all members, etc.), the conference call is attempted.” Armstrong, col. 7, lines 56-60.

“An aggregate 40, 41 is able to interact with the PCP 10 in the same way as either a watched party 13 or a watching party 12 as described above except that a ‘quorum’ condition may be used. Those skilled in the art will recognize that an aggregate could allow each member, or a group of members to act for the entire aggregate and the group of members need not be a quorum. For example, when a watched party 13 is an aggregate 40, a determination much be made as to when the PCP 10 should indicate to watching parties 12 that there has been a change of state in the aggregate 40. It could be indicated, e.g., when a predetermined percentage of the members of the aggregate 40 have changed state, or when a specific number of the members of the aggregate 40 have changed state, or

alternatively it might be indicated only when all members have changed state. Similarly, when a watching party 12 is an aggregate 41, a 'quorum' condition may be used to determine factors relating to requests made by the watching party 12. For example, a determination of when a request should be made and what the request should be. A watched party 13 or a watching party 12 may be a member of more than one aggregate." Armstrong, col. 9, lines 42-62.

The cited portions of Armstrong neither teach nor suggest "presenting an option to specify a quorum associated with a meet-me conference call, in response to user input to an application program co-resident with a terminal." In column 7, Armstrong explains how a conference call service can act as a watching party in Armstrong's system for maintaining presence information. The conference call service can subscribe with the system in order to be notified when one or more watched parties become available. Armstrong does not teach anything about how the conference call service operates, except with respect to the conference call service's interactions with the system that provides the presence information. Given that Armstrong's focus is on the system that provides the presence information, Armstrong would not be expected to teach how a conference call service works, except with respect to its interactions with the system that provides presence information.

Thus, while Armstrong does disclose a system that detects when enough members to constitute a quorum have given notifications of availability, the cited portions of Armstrong are completely silent with respect to how (or even if) such a quorum could be specified. Armstrong does not suggest how, when, or even if a user should be presented with an option to specify a quorum, nor does Armstrong suggest the conditions under which such an option should be presented. More particularly, the cited portions of Armstrong clearly do not provide any teachings or suggestions to "present an option to specify a quorum... in response to user input to an application program co-resident with a terminal." As noted above, such teachings, which are specific to the conference call service and do not involve the conference call service's interaction with the system that provides presence information, would not be expected in Armstrong, since Armstrong is primarily concerned with the system that provides the presence information. Sun, which provides no teachings at all with respect to quorums, also fails to teach or suggest this feature of claim 1, both alone and in combination with Armstrong. Accordingly, the combination of Armstrong and Sun fails to teach or suggest each and every element of claim 1.

Furthermore, the cited portions of Armstrong do not teach or suggest “establishing a media transport channel after detecting that the quorum is established, in response to a user selecting the option, wherein the establishing the media transport channel joins the user to the meet-me conference call” (emphasis added). At best, Armstrong teaches: “once notifications of availability are given for a certain number of group members (e.g. a quorum, all members, etc.), the conference call is attempted.” However, this statement provides no details regarding whether a media transport channel is actually established, nor does this statement suggest any relationship between group members participating in the conference call and a user who selected an option to specify a quorum (as noted above, the cited portions of Armstrong are completely silent with regard to how, when, or even if a user specifies a conference call). As noted above, Armstrong is not concerned with a conference call service, except in its role as a watching party within the system for maintaining presence information, and thus Armstrong does not teach, nor would it be expected to teach, details about how and when a conference call system establishes a media transport channel, nor about how and when a conference call system receives input from a particular user. Accordingly, the cited portions of Armstrong clearly do not teach or suggest (nor would they be expected to teach or suggest) establishing a media transport channel that joins a particular user to a meet-me conference call, in response to that particular user having selected an option to specify a quorum associated with the meet-me conference call. Sun, which does not mention quorums at all, also fails to teach or suggest this feature, both alone and in combination with Armstrong. Accordingly, claim 1 is further patentable over the cited art for this reason.

Additionally, there is no suggestion to combine Sun and Armstrong. The Office Action states that: “it would have been obvious... to modify the meet-me conferencing method of Sun to include specifying a quorum as taught by Armstrong so that the conference scheduler can make sure that at least the minimum number of conferees are going to be present in the conference call.” Office Action, p. 3. However, this suggestion is not present in the references, and the Office Action does not state how such a combination is obvious in light of the teachings of the references. In particular, the cited portions of Sun do not suggest that it would be desirable to specify a quorum or to make sure that at least the minimum number of conferees are going to be present in a call. Similarly, the cited portions of Armstrong do not suggest that it would be useful or desirable to specify a quorum (as noted above, Armstrong is silent with respect to specifying a quorum), nor does Armstrong suggest that it would be desirable to make sure that at

least the minimum number of conferees are present in a conference call that is managed by the system taught in Sun. “To support the conclusion that the claimed combination is directed to obvious subject matter, either the references must expressly or impliedly suggest the claimed combination or the examiner must present a convincing line of reasoning as to why the artisan would have found the claimed invention to have been obvious in light of the teachings of the references... [S]implicity and hindsight are not the proper criteria for resolving the issue of obviousness.” *Ex Parte Clapp*, 227 U.S.P.Q. 972, 973 (Bd. Pat. App. & Int’f 1985).

Claims 2-8, 10, and 18-20 are dependent upon claim 1, and are thus patentable over the cited art for the foregoing reasons. Claims 22-29, 31, 33, 39-41, 43, and 44 are patentable over the cited art for similar reasons.

With respect to claim 72, the cited art fails to anticipate, teach or suggest “sending a token to a conference manager application, in response to a user selecting the option [to specify a quorum associated with a meet-me conference call], wherein the token comprises information indicating that the user will wait until the quorum is established before joining the meet-me conference call.”

As noted above, the cited portions of Armstrong merely teach that “once notifications of availability are given for a certain number of group members (e.g. a quorum, all members, etc.), the conference call is attempted.” Thus, in Armstrong’s system, the availability of a certain number of group members can be determined, and a conference call can be attempted based on the group members’ availability. However, the cited portions of Armstrong clearly do not teach a token that indicates that a user will wait until a quorum is established before joining a meet-me conference call. Sun, both alone and in combination with Armstrong, also fails to teach or suggest such a token.

Furthermore, such a suggestion would not be expected in either reference. Neither Armstrong nor Sun teach or suggest that a user might select an option to specify a quorum. Both references also fail to teach or suggest that a user might desire to wait to join a conference call until a quorum is established. Accordingly, neither reference would be expected to teach the use of the token described in claim 72. For at least the foregoing reasons, the cited art fails to teach

or suggest each and every element of claim 72. Claims 74, 76, and 78-80 depend from claim 72 and are patentable over the cited art for at least the foregoing reasons.

Claims 9, 11, 13-17, 30, 32, 34-38, 75 and 77 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sun in view of Armstrong and further in view of Eaton et al. (U.S. Pat. No. 5,483,588) (hereinafter referred to as "Eaton"). Claims 21, 42, 73 and 81 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sun in view of Armstrong and further in view of Eaton and further in view of Jonsson (U.S. Pat. No. 6,272,214) (hereinafter referred to as "Jonsson"). Claims 9, 11, 13-17, 21, 30, 32, 34-38, and 42 are patentable over the cited art for reasons similar to those provided above with respect to claim 1. Claims 75 and 77 are patentable over the cited art for reasons similar to those provided above with respect to claim 72.

CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephone interview, the Examiner is invited to telephone the undersigned at 512-439-5087.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 19, 2005.


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Date of Signature

Respectfully submitted,



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